

CURRENT LISTING OF CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

- 1 1. (Previously Presented) A method of enhancing a life span of a read/write storage
2 medium, the method comprising the steps of:
3 identifying whether a file on a read/write storage medium is a static file or a
4 dynamic file;
5 migrating the file to a dynamic region of the read/write storage medium if the file
6 is a static file; and
7 migrating the file to a static region of the read/write storage medium if the file is a
8 dynamic file.
- 1 2. (Original) The method of claim 1, the identifying step comprising the step of:
2 counting a number of rewrite cycles of the file.
- 1 3. (Original) The method of claim 2, the identifying step comprising the step of:
2 comparing the number of rewrite cycles of the file to a predetermined rewrite
3 cycle threshold.
- 1 4. (Original) The method of claim 3, wherein the predetermined rewrite cycle
2 threshold is associated with a read/write storage medium identifier.
- 1 5. (Original) The method of claim 3, wherein the predetermined rewrite cycle
2 threshold is associated with a drive identifier for the read/write storage medium.
- 1 6. (Original) The method of claim 3, wherein the predetermined rewrite cycle
2 threshold is based on self-testing by performing rewrite cycles to a data block of the read/write
3 storage medium until the data block is unstable.
- 1 7. (Original) The method of claim 3, wherein the predetermined rewrite cycle
2 threshold is stored in a file allocation table.

1 8. (Original) The method of claim 2, wherein the number of rewrite cycles of the
2 file is stored in a file allocation table.

1 9. (Original) The method of claim 1, wherein the read/write storage medium
2 comprises a compact disk read/write disk.

1 10. (Original) The method of claim 1, wherein the read/write storage medium
2 comprises a tape drive.

1 11. (Original) The method of claim 1, wherein the read/write storage medium
2 comprises a floppy disk drive.

1 12. (Original) The method of claim 1, wherein the read/write storage medium
2 comprises an electrically erasable medium.

1 13. (Previously Presented) A file system adapted to enhance a life span of a
2 read/write storage medium, the system comprising:
3 a means for identifying whether a file on a read/write storage medium is a static
4 file or a dynamic file;
5 a means for migrating the file to a dynamic region of read/write storage medium if
6 the file is a static file; and
7 a means for migrating the file to a static region of the read/write storage medium
8 if the file is a dynamic file.

1 14. (Original) The file system of claim 13, the means for identifying comprising:
2 a counter to count a number of rewrite cycles of the file.

1 15. (Original) The file system of claim 14, the means for identifying comprising:
2 a means for comparing the number of rewrite cycles of the file to a predetermined
3 rewrite cycle threshold.

1 16. (Previously Presented) The file system of claim 13, the means for identifying
2 comprising:
3 a means for identifying a file type of the file, wherein the file is initially identified
4 as static or dynamic based on the file type of the file.

1 17. (Previously Presented) A computer system adapted for enhancing a life span of a
2 read/write storage medium, the system comprising:
3 a processor-executable file system adapted to:
4 identify whether a file on a read/write storage medium is a static file or a
5 dynamic file;
6 migrate the file to a dynamic region of the read/write storage medium in
7 response to identifying the file as a static file; and
8 migrate the file to a static region of the read/write storage medium in
9 response to identifying the file as a dynamic file.

1 18. (Previously Presented) The computer system of claim 17, wherein the file system
2 identifies the file as a static file or dynamic file based on counting a number of rewrite cycles of
3 the file.

1 19. (Previously Presented) The computer system of claim 18, wherein the file system
2 identifies the file as a static file or dynamic file based on comparing the number of rewrite cycles
3 of the file to a predetermined rewrite cycle threshold.

1 20. – 27. (Cancelled)

1 28. (Previously Presented) The method of claim 1, wherein identifying whether the
2 file is a static file or a dynamic file comprises initially identifying whether the file is a static file
3 or a dynamic file based on a type of the file.

1 29. (Previously Presented) The method of claim 28, wherein identifying whether the
2 file is a static file or a dynamic file comprises reclassifying the file, based on a number of rewrite
3 cycles to the file, from the initial identification of a static file or a dynamic file.

1 30. (Previously Presented) The method of claim 3, further comprising setting the
2 predetermined rewrite cycle threshold based on a type of the read/write storage medium.

1 31. (Previously Presented) The file system of claim 16, wherein the means for
2 identifying whether the file is a static file or dynamic file reclassifies the file, based on a number
3 of rewrite cycles to the file, from the initial identification of a static file or a dynamic file.